

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent Application No. 10/579,620

Confirmation No. 9537

Applicant: DeFrees et al.

Filed: April 19, 2007

TC/AU: 1623

Examiner: Goon, Scarlett Y.

Docket No.: 705712 (Client Reference No. NEO00296US/371 / 7998.204-US)

Customer No.: 23460

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner initial the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

- ☒ **within** any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 of an international application; (c) before the mailing date

of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

- ☐ Note: This submission includes the Statement under 37 CFR 1.704(d) (see “Statement under 37 CFR 1.704(d)” below), such that no reduction in patent term adjustment is warranted by the filing of this Information Disclosure Statement.
- ☐ **after** (a), (b), (c) or (d) above, but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes *one* of:
- ☐ the Statement under 37 CFR 1.97(e) (see “Statement under 37 CFR 1.97(e)” below).
- ☐ Note: This submission includes the Statement under 37 CFR 1.704(d) (see “Statement under 37 CFR 1.704(d)” below), such that no reduction in patent term adjustment is warranted by the filing of this Information Disclosure Statement.
- or –
- ☐ the fee of \$180 set forth in 37 CFR 1.17(p) (see “Fees” below).
- ☐ **on or after** the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and on or before payment of the issue fee, and includes the Statement under 37 CFR 1.97(e) (see “Statement under 37 CFR 1.97(e)” below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see “Fees” below).
- ☐ **on or after** the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and **within** thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see “Statement under 37 CFR 1.704(d)” below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see “Fees” below). NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.

#### Citation to Other Patent Applications

- ☒ The following U.S. patent applications are hereby brought to the attention of the Examiner. The U.S. patent applications claim subject matter that may be considered by the Examiner to be similar to the subject matter claimed in the above-identified patent application. Accordingly, these U.S. patent applications and/or the prosecution pertaining thereto may include information considered to be material to the prosecution of the above-identified patent application. Since the Examiner has electronic access to the prosecution histories of these U.S. patent applications, copies of prosecution materials therefrom are not generally provided herewith, but will be promptly provided if the Examiner so desires and requests same.

Courtesy copies of recent Office Actions in the identified U.S. patent applications nevertheless are enclosed for the convenience of the Examiner to supplement the courtesy copies of Office Actions previously provided to the Examiner.

U.S. APPLICATIONS		STATUS (check one)		
U.S. APPLICATIONS	U.S. FILING DATE	Patented	Pending	Never Issued: Abandoned/Expired
1. 08/102,385	08/04/1993	X		
2. 08/215,727	03/22/1994	X		
3. 08/312,387	09/26/1994	X		
4. 08/446,875	07/12/1995	X		
5. 08/447,435	05/23/1995			X
6. 08/447,783	05/23/1995			X
7. 08/478,140	06/07/1995			X
8. 08/525,058	09/08/1995	X		
9. 08/683,426	07/18/1996	X		
10. 08/683,458	07/18/1996	X		
11. 08/745,840	11/08/1996			X
12. 08/878,360	06/18/1997	X		
13. 09/333,412	06/15/1999	X		
14. 09/338,943	06/24/1999			X
15. 09/855,320	05/14/2001		X	
16. 10/007,267	12/03/2001	X		
17. 10/096,129	03/07/2002			X
18. 10/109,498	03/22/2002	X		
19. 10/198,806	07/19/2002			X
20. 10/219,197	08/13/2002			X
21. 10/287,994	11/05/2002	X		
22. 10/360,770	01/06/2003			X
23. 10/360,779	02/19/2003			X
24. 10/391,035	03/17/2003			X
25. 10/410,897	04/09/2003	X		
26. 10/410,913	04/09/2003	X		
27. 10/410,930	04/09/2003	X		
28. 10/410,945	04/09/2003	X		
29. 10/410,962	04/09/2003	X		
30. 10/410,980	04/09/2003	X		
31. 10/410,997	04/09/2003	X		
32. 10/411,012	04/09/2003	X		
33. 10/411,026	04/09/2003		X	
34. 10/411,037	04/09/2003	X		
35. 10/411,043	04/09/2003	X		
36. 10/411,044	04/09/2003		X	
37. 10/411,049	04/09/2003	X		
38. 10/485,892	10/01/2004			X

U.S. APPLICATIONS		STATUS (check one)		
U.S. APPLICATIONS	U.S. FILING DATE	Patented	Pending	Never Issued: Abandoned/Expired
39. 10/492,261	04/09/2004	X		
40. 10/497,283	11/05/2004	X		
41. 10/497,284	05/28/2004		X	
42. 10/530,972	12/05/2005	X		
43. 10/549,445	07/31/2006		X	
44. 10/549,520	07/10/2006			X
45. 10/549,528	09/19/2005	X		
46. 10/552,896	06/08/2006			X
47. 10/556,094	04/16/2007		X	
48. 10/565,331	09/11/2006		X	
49. 10/576,506	04/18/2006		X	
50. 10/579,620	04/19/2007		X	
51. 10/579,621	02/21/2007		X	
52. 10/581,538	04/12/2007		X	
53. 10/585,385	08/12/2008		X	
54. 10/586,166	07/23/2008		X	
55. 10/609,701	06/30/2003			X
56. 10/654,528	09/02/2003			X
57. 10/997,405	11/24/2004	X		
58. 11/033,365	01/10/2005	X		
59. 11/102,497	04/08/2005		X	
60. 11/144,223	06/02/2005		X	
61. 11/166,028	06/23/2005			X
62. 11/166,404	06/23/2005		X	
63. 11/183,205	07/15/2005	X		
64. 11/183,218	07/15/2005			X
65. 11/339,752	01/25/2006			X
66. 11/396,215	03/30/2006		X	
67. 11/402,105	04/10/2006		X	
68. 11/404,266	04/12/2006	X		
69. 11/440,839	05/25/2006		X	
70. 11/580,669	10/13/2006		X	
71. 11/584,743	10/19/2006		X	
72. 11/597,258	03/11/2008		X	
73. 11/632,005	04/14/2008		X	
74. 11/644,014	12/21/2006		X	
75. 11/645,839	12/26/2006			X
76. 11/652,467	01/11/2007		X	
77. 11/656,643	01/23/2007		X	
78. 11/657,441	01/24/2007		X	
79. 11/658,218	06/20/2008		X	

U.S. APPLICATIONS			STATUS ( <i>check one</i> )		
U.S. APPLICATIONS	U.S. FILING DATE		Patented	Pending	Never Issued: Abandoned/Expired
80.	11/659,153	10/23/2008		X	
81.	11/659,942	05/05/2008		X	
82.	11/664,199	09/19/2007		X	
83.	11/665,908	11/26/2007		X	
84.	11/701,949	02/02/2007		X	
85.	11/714,874	03/05/2007		X	
86.	11/781,885	07/23/2007		X	
87.	11/781,888	07/23/2007		X	
88.	11/781,896	07/23/2007		X	
89.	11/781,900	07/23/2007			X
90.	11/781,902	07/23/2007			X
91.	11/792,610	04/21/2008		X	
92.	11/794,555	08/11/2008		X	
93.	11/794,560	10/24/2008		X	
94.	11/843,588	08/22/2007		X	
95.	11/845,175	08/27/2007			X
96.	11/866,969	10/03/2007		X	
97.	11/867,553	10/04/2007		X	
98.	11/910,958	05/15/2008		X	
99.	11/914,104	06/20/2008		X	
100.	11/915,239	05/21/2008		X	
101.	11/917,772	12/17/2007		X	
102.	11/934,700	11/02/2007		X	
103.	11/981,483	10/31/2007		X	
104.	11/982,273	10/31/2007		X	
105.	11/982,444	10/31/2007			X
106.	12/060,383	04/01/2008		X	
107.	12/064,012	07/17/2009		X	
108.	12/066,619	09/03/2008		X	
109.	12/092,563	06/18/2008		X	
110.	12/101,389	04/11/2008		X	
111.	12/152,587	05/14/2008		X	
112.	12/184,956	08/01/2008		X	
113.	12/201,705	08/29/2008		X	
114.	12/302,167	04/30/2009		X	
115.	12/371,156	02/13/2009		X	
116.	12/418,530	04/03/2009		X	
117.	12/439,221	07/14/2009		X	
118.	12/443,428	07/28/2009		X	
119.	12/444,380	07/28/2009		X	
120.	12/496,595	07/01/2009		X	

U.S. APPLICATIONS		STATUS ( <i>check one</i> )		
U.S. APPLICATIONS	U.S. FILING DATE	Patented	Pending	Never Issued: Abandoned/Expired
121. 12/594,326	10/01/2009		X	
122. 12/605,028	10/23/2009		X	
123. 12/605,041	10/23/2009		X	
124. 12/663,056	12/04/2009		X	
125. 12/663,748	12/09/2009		X	

**Copies of the References**

- ☒ Copies of any U.S. patents and published patent applications that are listed on the accompanying Form 1449 are not enclosed herewith. Copies of any other references identified on the accompanying Form 1449 are enclosed herewith.
- ☒ For each reference not in the English language, attached is at least one of the following: (a) an English translation in whole or in part or (b) a concise statement of relevance in the form of, for example, an English language counterpart, an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office.
- ☐ Copies of foreign search reports or foreign examination reports are enclosed as follows.

SEARCHING OR EXAMINING OFFICE	APPLICATION COUNTRY	APPLICATION NO.	DATE OF MAILING OF SEARCH REPORT OR EXAMINATION REPORT

- ☐ The references listed on the enclosed Form 1449 were previously identified in the parent application(s) of the present application, and copies of the references were furnished at that time. Accordingly, additional copies of the references are not submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:

U.S. APPLICATIONS		STATUS ( <i>check one</i> )		
U.S. APPLICATIONS	U.S. FILING DATE	Patented	Pending	Abandoned
1.				

**Statement under 37 CFR 1.97(e)**

- ☐ The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.
- ☐ The **undersigned** hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

**Statement under 37 CFR 1.704(d)**

- ☐ The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

**Fees**


- ☒ **No fee** is owed by the applicant(s).
- ☐ Charge Deposit Account No. 12-1216 in the amount of **\$180.00** (37 CFR 1.17(p)).

**Authorization to Charge Additional Fees**

- ☒ If any additional fees are owed in connection with this communication, please charge Deposit Account No. 12-1216.

**Instructions as to Overpayment**

- ☒ Credit Account No. 12-1216.
- ☐ Refund

  
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